

**National Transportation Safety Board
Washington, DC 20594**

Brief of Accident

Adopted 05/09/1995

MIA95LA040A File No. 1120	12/15/1994	MEMPHIS, TN	Aircraft Reg No. N927FE	Time (Local): 04:28 CST		
Make/Model:	CESSNA / 208B			Fatal	Serious	Minor/None
Engine Make/Model:	P&W / PT6-114		Crew	0	0	1
Aircraft Damage:	Substantial		Pass	0	0	0
Number of Engines:	1					
Operating Certificate(s):	On-demand Air Taxi					
Name of Carrier:	BARON AVIATION SERVICES					
Type of Flight Operation:	Non-scheduled; Domestic; Cargo					
Reg. Flight Conducted Under:	Part 135: Air Taxi & Commuter					
Last Depart. Point:	Same as Accident/Incident Location			Condition of Light:	Night/Dark	
Destination:	DESTIN , FL			Weather Info Src:	Weather Observation Facility	
Airport Proximity:	On Airport			Basic Weather:	Visual Conditions	
Airport Name:	MEMPHIS INTERNATIONAL			Lowest Ceiling:	3100 Ft. AGL, Broken	
Runway Identification:	18L			Visibility:	8.00 SM	
Runway Length/Width (Ft):	Unk/Nr			Wind Dir/Speed:	140 / 010 Kts	
Runway Surface:				Temperature (°C):	7	
Runway Surface Condition:				Obstr to Vision:	None	
				Precipitation:	None	
Pilot-in-Command	Age: 30			Flight Time (Hours)		
Certificate(s)/Rating(s)				Total All Aircraft:	4900	
Flight Instructor; Commercial; Multi-engine Land; Single-engine Land				Last 90 Days:	Unk/Nr	
Instrument Ratings				Total Make/Model:	3600	
Airplane				Total Instrument Time:	800	

THE PILOT OF CESSNA 208, N927FE, STATED THAT AS HE TAXIED TO RUNWAY 18L HE DID NOT SEE ANY AIRCRAFT EXCEPT AN AIRCRAFT WHICH WAS AT THE HOLD SHORT LINE. HE THEN NOTICED THE SILHOUETTE OF DOUGLAS DC3, N24320, AHEAD OF HIM BUT WAS UNABLE TO STOP PRIOR TO COLLIDING WITH THE AIRCRAFT. HE STATED THE TAIL NAVIGATION LIGHTS AND BEACON LIGHTS ON THE DC3 WERE NOT OPERATING. HE ALSO STATED THE TAXIWAY WAS WET AND THERE WAS A GLARE FROM LIGHTS ON A NEARBY RAMP. POSTCRASH EXAMINATION OF DC3 BY FAA INSPECTORS INDICATED THE TAIL NAVIGATION AND BEACON LIGHTS WERE INOPERATIVE.

Brief of Accident (Continued)

MIA95LA040A

File No. 1120

12/15/1994

MEMPHIS, TN

Aircraft Reg No. N927FE

Time (Local): 04:28 CST

Occurrence #1: COLLISION BETWEEN AIRCRAFT (OTHER THAN MIDAIR)

Phase of Operation: TAXI - TO TAKEOFF

Findings

1. (F) LIGHT CONDITION - DARK NIGHT
2. (C) EXTERIOR LIGHT(S) - INOPERATIVE
3. (C) AIRCRAFT PREFLIGHT - INADEQUATE - PILOT OF OTHER AIRCRAFT

Findings Legend: (C) = Cause, (F) = Factor

The National Transportation Safety Board determines the probable cause(s) of this accident as follows.

THE INABILITY OF THE PILOT OF CESSNA 208, N927FE TO SEE DOUGLAS DC3, N24320, AS HE TAXIED TO TAKEOFF DUE TO INOPERATIVE TAIL NAVIGATION LIGHTS AND BEACON LIGHTS ON THE DC3 AND DUE TO GLARE ON THE WET TAXIWAY.